

STATE OF IDAHO
DEPARTMENT OF HEALTH AND WELFARE
DIVISION OF ENVIRONMENT

Pursuant to the Provisions
of Section 39-115 of the Idaho Code,
and the Rules and Regulations for the Con-
trol of Air Pollution in Idaho,

J. R. Simplot Company
Permittee, including affiliates, if any

Post Office Box 912
Located at

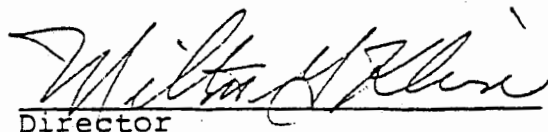
Pocatello, Idaho 83201

is hereby granted permission to operate the Air
Pollution Source(s) and Control Equipment specified
herein provided the emission limitations, monitoring
requirements and other conditions set forth in the
Source Permit(s) are complied with.

Validation:

Issued March 4, 1980

Expiration March 4, 1985


Director

J. R. Simplot Company located ~~near~~ at Pocatello, Idaho
is hereby granted permission to operate the following air pollution
source or control equipment; 100 calciner with emissions controlled
by cyclones followed by a high efficiency scrubber.

Restrictions:

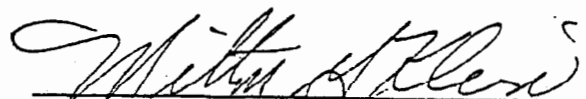
Emission Point	Emission Characteristic	Emission Limitations	Monitoring Requirements
Scrubber	Particulate	3.8 lb/hour	Stack Test as required by Operation and Maintenance Manual

Conditions:

Validation (if different from Facility Permit)

Issured _____

Expiration _____



Authorizing Signature

J. R. Simplot Company located ~~near~~ at Pocatello, Idaho
is hereby granted permission to operate the following air pollution
source or control equipment; 200 calciner with emissions controlled
by cyclones followed by a high efficiency scrubber.

Restrictions:

Emission Point	Emission Characteristic	Emission Limitations	Monitoring Requirements
Scrubber	Particulate	41.7 lb/hour	Stack Test as required by Operation and Maintenance Manual

Conditions:

Validation (if different from Facility Permit)

Issured _____

Expiration _____



Authorizing Signature

J. R. Simplot Company located ~~near~~ Pocatello, Idaho
is hereby granted permission to operate the following air pollution
source or control equipment; 300 calciner with emissions controlled
cyclones followed by an electrostatic precipitator.

Restrictions:

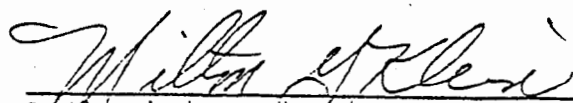
Emission Point	Emission Characteristic	Emission Limitations	Monitoring Requirements
Precipitator	Particulate	51.0 lb/hour	Stack Test as Required by Operation and Maintenance Manual

Conditions:

Validation (if different from Facility Permit)

Issued _____

Expiration _____



Authorizing Signature

J. R. Simplot Company located near at Pocatello, Idaho
is hereby granted permission to operate the following air pollution
source or control equipment; Numbers 1 and 4 roller mills with emissions
controlled by a cyclone followed by a baghouse

Restrictions:

Emission Point	Emission Characteristic	Emission Limitations	Monitoring Requirements
Baghouse	Particulate	6.6 lb/hour	Stack Test as Required by Operation and Maintenance Manual

Conditions:

When visible emissions from the baghouse exceed 5% opacity, corrective action shall be implemented in accordance with procedures established in the Operation and Maintenance Manual. However, exceeding 5% opacity shall not be deemed a violation of this permit.

Validation (if different from Facility Permit)

Issued _____

Expiration _____

Milton H. Klesi
Authorizing Signature

J. R. Simplot Company located near at Pocatello, Idaho
is hereby granted permission to operate the following air pollution
source or control equipment; Number 2 roller mill with emissions
controlled by a baghouse

Restrictions:

Emission Point	Emission Characteristic	Emission Limitations	Monitoring Requirements
Baghouse	Particulate	1.8 lb/hour	Stack Test as Required by Operation and Maintenance Manual

Conditions:

When visible emissions from the baghouse exceed 5% opacity, corrective action shall be implemented in accordance with procedures established in the Operation and Maintenance Manual. However, exceeding 5% opacity shall not be deemed a violation of this permit.

Validation (if different from Facility Permit)

Issued _____

Expiration _____



Authorizing Signature

J. R. Simplot Company located ~~near~~ at Pocatello, Idaho
is hereby granted permission to operate the following air pollution
source or control equipment; Number 5 roller mill with emissions
controlled by a cyclone followed by a baghouse

Restrictions:

Emission Point	Emission Characteristic	Emission Limitations	Monitoring Requirements
Baghouse	Particulate	12.0 lb/hour	Stack Test as Required by Operation and Maintenance Manual

Conditions:

When visible emissions from the baghouse exceed 5% opacity, corrective action shall be implemented in accordance with procedures established in the Operation and Maintenance Manual. However, exceeding 5% opacity shall not be deemed a violation of this permit.

Validation (if different from Facility Permit)

Issured _____

Expiration _____



Authorizing Signature

J. R. Simplot Company located near at Pocatello, Idaho
is hereby granted permission to operate the following air pollution
source or control equipment; Number 6, 7, and 8 roller mills with
emissions controlled by a cyclone followed by a baghouse

Restrictions:

Emission Point	Emission Characteristic	Emission Limitations	Monitoring Requirements
Baghouse	Particulate	14.8 lb/hour	Stack Test as Required by Operation and Maintenance Manual

Conditions:

When visible emissions from the baghouse exceed 5% opacity, corrective action shall be implemented in accordance with procedures established in the Operation and Maintenance Manual. However, exceeding 5% opacity shall not be deemed a violation of this permit.

Validation (if different from Facility Permit)

Issured _____

Expiration _____

Milton L. Flinn
Authorizing Signature

J. R. Simplot Company located near at Pocatello, Idaho
is hereby granted permission to operate the following air pollution
source or control equipment; 200 phosphoric acid plant with emissions
controlled by a scrubber.

Restrictions:

Emission Point	Emission Characteristic	Emission Limitations	Monitoring Requirements
Scrubber	Particulate	8.8 lb/hour	Stack Test as Required by Operation and Maintenance Manual

Conditions:

Validation (if different from Facility Permit)

Issued _____

Expiration _____



Authorizing Signature

J. R. Simplot Company located ~~near~~ at Pocatello, Idaho
is hereby granted permission to operate the following air pollution
source or control equipment; 300 phosphoric acid plant with emissions
controlled by a packed bed scrubber, and a venturi scrubber in parallel.

Restrictions:

Emission Point	Emission Characteristic	Emission Limitations	Monitoring Requirements
Packed bed Scrubber	Particulate	10.8 lb/hour from both Stacks	Simultaneous Stack Tests as Required by Operation and Maintenance Manual
Venturi Scrubber	Particulate		

Conditions:

Validation (if different from Facility Permit)

Effective _____

Expiration _____



Authorizing Signature

J. R. Simplot Company located near at Pocatello, Idaho

is hereby granted permission to operate the following air pollution source or control equipment; Ammonium sulfate drying and cooling with emissions controlled by a cyclone for the dryer and a cyclone for the cooler.

Restrictions:

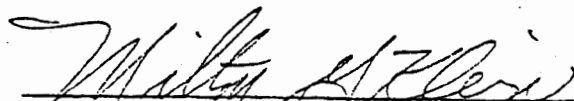
Emission Point	Emission Characteristic	Emission Limitations	Monitoring Requirements
Dryer Cyclone	Particulate	3.7 lb/hour from both stacks	Simultaneous Stack Tests as Required by Operation and Maintenance Manual
Cooler Cyclone	Particulate		

Conditions:

Validation (if different from Facility Permit)

Effective _____

Expiration _____



Authorizing Signature

J. R. Simplot Company located near at Pocatello, Idaho
is hereby granted permission to operate the following air pollution
source or control equipment; 100 mono ammonium phosphate plant;
reactor/granulator emissions are controlled by a venturi scrubber (#1),
followed by a cyclonic scrubber (#1), which is followed with a fluoride
scrubber; the dryer emissions are controlled by a venturi scrubber (#2),
followed by a cyclonic scrubber (#2); dust emissions from sizing screens,
polishing screens and product handling are controlled by a baghouse.

Restrictions:

Emission Point	Emission Characteristic	Emission Limitations	Monitoring Requirements
Fluoride Scrubber	Particulate	25.8 lb/hour from all stacks	Simultaneous Stack Tests as Required by Operation and Maintenance Manual
#2 Cyclonic Scrubber	Particulate		
Baghouse	Particulate		

Conditions:

Validation (if different from Facility Permit)

Effective _____

Expiration _____



Authorizing Signature

J. R. Simplot Company located ~~near~~ at Pocatello, Idaho
is hereby granted permission to operate the following air pollution
source or control equipment; Diammonium phosphate reactor, granulator,
dryer and cooler. Reactor and granulator emissions are controlled
by a venturi scrubber followed by a cyclonic scrubber. Dryer emissions
are controlled by a cyclone then a venturi scrubber, next a cyclonic
scrubber that is used in common with the reactor and granulator, then
a mist eliminator. Cooler emissions are controlled by a cyclone, then
a baghouse.

Restrictions:

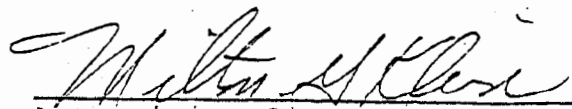
Emission Point	Emission Characteristic	Emission Limitations	Monitoring Requirements
Dryer, Reactor & Granulator Scrubber	Particulate	85.4 lb/hour from both Stacks	Simultaneous Stack Tests as Required by Operation and Maintenance Manual
Cooler Baghouse	Particulate		

Conditions:

Validation (if different from Facility Permit)

Effective _____

Expiration _____



Authorizing Signature

J. R. Simplot Company located ~~near~~ at Pocatello, Idaho

is hereby granted permission to operate the following air pollution source or control equipment; Triple super phosphate plant with dryer emissions controlled by a cyclone followed by a cyclonic scrubber, then a centrifugal scrubber. Dust emissions from material handling equipment are controlled by a baghouse.

Restrictions:

Emission Point	Emission Characteristic	Emission Limitations	Monitoring Requirements
Centrifield Scrubber	Particulate	23.8 lb/hour from both stacks	Simultaneous Stack Tests as Required by Operation and Maintenance Manual
Baghouse	Particulate		

Conditions:

Validation (if different from Facility Permit)

Effective _____

Expiration

W. H. Allen
Authorizing Signature

J. R. Simplot Company located near at Pocatello, Idaho
is hereby granted permission to operate the following air pollution
source or control equipment; Nitrate solutions plant

Restrictions:

Emission Point	Emission Characteristic	Emission Limitations	Monitoring Requirements
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General provisions of the Rules and Regulations for the Control of
Air Pollution in Idaho.

Conditions:

Validation (if different from Facility Permit)

Effective _____

Expiration _____



Authorizing Signature

J. R. Simplot Company located ~~near~~ at Pocatello, Idaho
is hereby granted permission to operate the following air pollution
source or control equipment; Nitric Acid Plant

Restrictions:

Emission Point	Emission Characteristic	Emission Limitations	Monitoring Requirements
Stack	NOx(expressed as NO ₂)	3 pounds per ton of 100% acid produced	Continuous, Stack Test as Required by Operation and Maintenance Manual
	Opacity	10%	

Conditions:

This source is subject to new source performance standards.

Validation (if different from Facility Permit)

Effective _____

Expiration _____



Authorizing Signature

J. R. Simplot Company located near at Pocatello, Idaho
is hereby granted permission to operate the following air pollution
source or control equipment; Ammonia Plant

Restrictions:

Emission Point	Emission Characteristic	Emission Limitations	Monitoring Requirements
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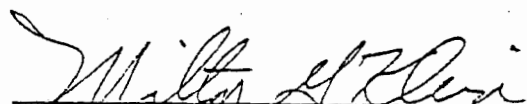
General provisions of the Rules and Regulations for the Control of
Air Pollution in Idaho.

Conditions:

Validation (if different from Facility Permit)

Effective _____

Expiration _____



Authorizing Signature

J. R. Simplot Company located ~~near~~ at Pocatello, Idaho
is hereby granted permission to operate the following air pollution
source or control equipment; Keeler Boiler fired by natural gas with
distillate fuel oil as stand by.

Restrictions:

Emission Point	Emission Characteristic	Emission Limitations	Monitoring Requirements
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Sulfur limitations for distillate fuel grades as defined in Section
1-1354 of the Rules and Regulations for the Control of Air Pollution
in Idaho.

Conditions:

Validation (if different from Facility Permit)

Effective _____

Expiration _____



Authorizing Signature

PART II GENERAL PROVISIONS

- A All emissions authorized herein shall be consistent with the terms and conditions of this permit. The emission of any pollutant in excess of the limitations specified herein, or non-compliance with any other condition or limitation contained in this permit, shall constitute a violation of this permit and the Rules and Regulations for the Control of Air Pollution in Idaho, and the Environmental Protection and Health Act, Idaho Code 39-101 et seq.
- B The permittee shall at all times (except as provided in the Rules and Regulations for the Control of Air Pollution in Idaho) maintain in good working order and operate as efficiently as practicable, all treatment or control facilities or systems installed or used to achieve compliance with the terms and conditions of this permit and other applicable laws for the control of air pollution.
- C The permittee shall allow the Director, and/or his authorized representative(s), upon the presentation of credentials:
- 1) To enter upon the permittee's premises where an emission source is located, or in which any records are required to be kept under the terms and conditions of this permit; and

2) at reasonable times to have access to and copy any records required to be kept under the terms and conditions of this permit; to inspect any monitoring equipment or monitoring method required in this permit, and to sample any emission of pollutants.

D Except for data determined to be confidential under Section 39-111, Idaho Code, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the appropriate regional office of the Division of Environment.

E Nothing in this permit is intended to relieve or exempt the permittee from compliance with any applicable federal, state or local law or regulation, except as specifically provided herein.

F In the event of any change in control or ownership of source(s) from which the authorized emissions emanate, the permittee shall notify the succeeding owner or controller of the existence of this permit by letter, a copy of which shall be forwarded to the Director.

G Until the expiration date, this permit shall be renewable annually, provided the permittee submits any and all information necessary for the Director to determine the amount and type of air pollutants emitted from the equipment for which this permit is granted. Failure to submit

such information within sixty (60) days after receipt of the Director's request shall cause the permit to be voided.

H The Director may require the permittee to develop a list of Operation and Maintenance Procedures which must be approved by the Department. Such list of procedures shall become a part of this permit by reference, and the permittee shall adhere to all of the operation and maintenance procedures contained therein.

I The permittee shall provide the appropriate regional office a minimum of five (5) days notice prior to the scheduled date of any emissions test required pursuant to this permit. The permittee shall notify the appropriate regional office of any change in the testing schedule and shall provide at least one (1) days notice prior to conducting any rescheduled test. Any records or data generated as a result of such compliance tests shall be made available to the Department upon request.

PART III FUGITIVE EMISSION CONTROL

The permittee shall reduce fugitive emissions from the following sources in accordance with the schedules below:

A. Ammonium Phosphate Plant

Permittee shall install equipment to collect and control fugitive emissions from materials handling equipment on or before July 1, 1980.

B. Calcining Building

Permittee shall install equipment to collect and control fugitive emissions from materials handling equipment on or before February 1, 1981.

C. Mill Building

Permittee shall install equipment to collect and control fugitive emissions from materials handling equipment in accordance with the following compliance schedule:

- 1) By March 1, 1981, submit a final emission control plan, including equipment design specifications and drawings for approval by the Department.
- 2) By June 1, 1981, let contracts or issue purchase orders for equipment necessary to control fugitive emissions in accordance with plans approved by the Department.
- 3) By June 1, 1982, initiate construction of control equipment.

- 4) By September 1, 1982, complete construction of control equipment.
- 5) By October 1, 1982, demonstrate compliance with the final control plan approved by the Department.

